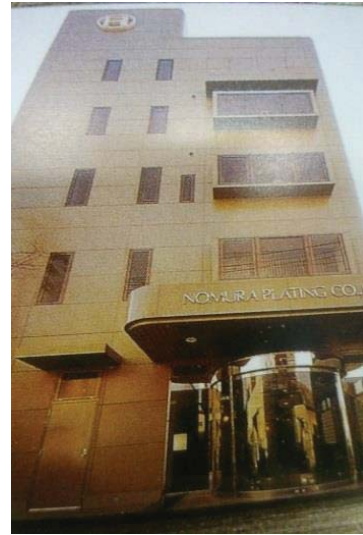


# Nomura Plating Co.,LTD.



President	Mr. Shuhei Nomura
Established	1942
Capital	16,000,000 yen
Employees	252 persons (2016/7/31)
Address	5-12-20 Himejima Nishiyodogawa ku, Osaka-City, Osaka-Pref. 555-0033 JAPAN
Tel	+81-6-6471-0966
Fax	+81-6-6471-8299
Website	www.nomuramekki.com/
Contact person	Mr. Kazusi Arimoto General Manager
E-mail	f291@pluto.plala.or.jp

## Quality Management Certifications

○JISQ 9100

## Office / Plant

Fukuyama Factory

## Core Technologies and Capabilities

- Surface finishing
- Machine Manufacturing
- Surface finishing plant
- Surface finishing technology

## Materials

- Iron
- Aluminum
- Carbon
- Copper
- Nickel

## Major Customers

【Other sectors】 Mitsubishi heavy Industries, LTD.

## Strengths and Competitive Advantage

### Designing and manufacturing technologies for high quality industrial machine products.

At NOMURA PLATING, not only do we do surface finishing for continuous casting molds (steel production) and various types of industrial rollers (film, paper and steel production), we also perform all other processing, from designing to manufacturing and assembly.

Our plants are fully equipped with many types of machining centers and processing equipment, giving us the capability to manufacture and supply high-quality, high-precision manufactured products.

### ■ INDUSTRIAL ROLLER MANUFACTURING

At NOMURA PLATING, we have a fully integrated industrial roller production system, from designing to manufacturing and surface finishing. We have the capability of manufacturing industrial rollers up to 4 meters in diameter.

With the introduction of large state-of-the-art machining centers, grinding and polishing machines into our Fukuyama and Kanuma plants, these plants produce a wide variety of industrial rollers including those used in film, paper and steel production.

### ■ CONTINUOUS CASTING MOLD MANUFACTURING

At NOMURA PLATING, we have an integrated system (from designing to manufacturing, surface finishing, and assembly) for manufacturing continuous castings molds which are used in steel production. These molds need to have high heat, abrasion and corrosion resistance properties in order to meet the steel producers' strict specification requirements.

When designing continuous castings molds, which requires properties that enable them to withstand constant contact with high temperature molten steel, we conduct a thermal analysis to determine the most suitable surface finishing process (Tough alloy I, Tough alloy II, or thermal spraying) to meet our customers' use requirements. This results in a mold that has a longer extended casting life.

## Main Equipment

Equipment (Maker)	Capability	Number
Chromic plating (Original)	Maximum $\phi$ 3900mm x 13000mm	Majority
Nickel plating (Original)	Maximum $\phi$ 3900mm x 5000mm	Majority
Copper plating (Original)	Maximum 2000mmW x 2000mmL x 2030mmH	Majority
Thermal Spray (Eutectic japan Ltd.)	Maximum $\phi$ 500mm x 4000mm	1
5-Face Machining Centers (Secret)	1500mmW x 3000mmL x 500mmH	2
Lathe machine (Secret)	Maximum $\phi$ 4000mm x 12000mm	Majority
Grinder sanding machine (Secret)	Maximum $\phi$ 4000mm x 12000mm	Majority
Mirror Finish machine (Secret)	Maximum $\phi$ 4000mm x 8500mm	Majority
Laser Microscope		1
X-ray Fluorescence Spectrometers		1
Micro Vickers Hardness Tester		1
Atomic Absorption Spectroscopy		1
Spectrophotometer		1
Microscope		1
Equipment for Salt Spray Test and CASS Test		1
Electron Probe Micro Analyzer (EPMA)		1
Metallurgical Microscopes		1
X-ray Photoelectron Spectroscopy (XPS)		1
Capillary Electrophoresis		1
X-ray Diffractometer		1
Contact Angle Meter		Majority